

ABSTRACT OF THE INVENTION

For particular use on a shallow draft boat with an outboard motor traveling a course in shallow water with both expected and unexpected sub surface impediments along the way, an improved lift assembly in which the motor responds automatically when encountering a sub surface impediment by raising vertically so that the thrust of the propellor always remains at its optimum in the direction of the movement of the boat, while avoiding damage which could result from forceful contact with such impediment, and further having a manual lifting mechanism to permit the boatman in the boat to consciously avoid known potentially injurious conditions.